DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: KUPS SPACE-EFFICIENT, SIDE-CHANNEL ATTACK S C the specification of which (check one) JAN 1 5 2002 ____ is attached hereto. TATED States OF pplication Number 09/943,720. __x was filed on _August 31. 2001 or PCT International Application Number _ (if applicable) I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56. I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application, having a filing date before that of the application on which priority is claimed: Priority Claimed Prior Foreign Application(s) Yes (Number) (Country) (Day/Month/Year Filed) __Yes ___ No (Country) (Number) (Day/Month/Year Filed) Yes (Number) (Country) (Day/Month/Year Filed) I hereby claim the benefit under 35 U.S.C. '119(e) of any United States provisional application(s) listed below. August 14, 2001 (Application Number) (Filing Date) (Application Number) (Filing Date) I hereby claim the benefit under 35 U.S.C. §120 of any United States Application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States, or PCT International application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose information material to the patentability of this application as defined in 37 CFR §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application: (Application Serial No.) (Filing Date) (Status) (patented, pending, abandoned) (Application Serial No.) (Filing Date) (Status) (patented, pending, abandoned) I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon. POWER OF ATTORNEY: As a named inventor I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and Manny W. Schecter (Reg. 31,722), Lauren C. Bruzzone (Reg. 35,082), Christopher A. Hughes (Reg. 26,914), John E. Hoel (Reg. 26,279), Stanley B. Green (Reg. 24,351), Richard M. Ludwin (Reg. 33,010), Marc A. Erlich (Reg. 39,966), Douglas W. Cameron (Reg. 31,596), Louis P. Herzberg (Reg 41,500), Marian Underweiser (Reg. 46,134), Stephen C. Kaufman (Reg. 29,551), Daniel P. Morris (Reg. 32,053), Louis J. Percello (Reg. 33,206), Robert M. Trepp (Reg. 25,933), Gail H. Zarick (Reg. 43,303), Robert P. Tassinari, Jr. (Reg. 36,030), Paul J. Otterstedt (Reg. 37,411), Derek S. Jennings (Reg. 41,473) and Timothy M. Farrell (Reg. 37,321). Send Correspondence to: Louis P. Herzberg, Intellectual Property Law Dept. IBM Corporation, P.O. Box 218, Yorktown Heights, New York 10598 Direct Telephone Calls to: (name and telephone number) Louis P. Herzberg (914) 945-2947 Char: Full name of sole or first inventor gurish chan Oct 8,2001

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Date

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

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Residence	
itizenship	
Same as above	
Same as above.	

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SPACE-EFFICIENT, SIDE-CHANNEL A	TTACK RESISTANT TABLE I CKUPS		
the specification of which (chec			
is attached hereto.	JAN 15 2002 👸		
X was filed on _August_31,_2	001 as Unded States Applicati	ion Number 09/943,720.	
or PCT International Appl	(3)		
and was amended on	(if applicabl	e)	
I hereby state that I have revie the claims, as amended by any am	wed and understand the contents		cation, including
I acknowledge the duty to disclo accordance with Title 37, Code o	se information which is material		pplication in
I hereby claim foreign priority foreign application(s) for paten	benefits under Title 35, United t or inventor's certificate, or	States Code, §119(a)-(d) or §369 §365(a) of any PCT Internationa	l application
which designated at least one co by checking the box, any foreign application, having a filing dat	application for patent or inver	ntor's certificate, or PCT Inter	national
Prior Foreign Application(s)	•		Priority Claimed
(Number)	(Country)	(Day/Month/Year Filed)	Yes No
(Number)	(Country)	(Day/Month/Year Filed)	Yes No
(Number)	(Country)	(Day/Month/Year Filed)	Yes No
I hereby claim the benefit under	35 U.S.C. '119(e) of any Unite	d States provisional application	(s) listed below.
60/312204	August 14, 2001		
(Application Number)	(Filing Date)		
(Application Number)	(Filing Date)		•
I hereby claim the benefit under International application design of the claims of this applicatio in the manner provided by the fi material to the patentability of date of the prior application an	ating the United States, listed n is not disclosed in the prior rst paragraph of 35 U.S.C. §112 this application as defined in	below and, insofar as the subje- United States, or PCT Internation, I acknowledge the duty to disc 37 CFR §1.56 which occurred bet	ct matter of each onal application lose information ween the filing
(Application Serial No.)	. (Filing Date)	(Status) (patented, pendin	ig, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pendin	g, abandoned)
I hereby declare that all statem	•	•	-
information and belief are belie that willful false statements an Section 1001 of Title 18 of the of the application or any patent	ved to be true; and further that d the like so made are punishab United States Code and that wil	t these statements were made wit le by fine or imprisonment, or b	h the knowledge oth, under
POWER OF ATTORNEY: As a named i this application and transact al registration number).	nventor I hereby appoint the fo 1 business in the Patent and Tra	llowing attorney(s) and/or agent ademark Office connected therewi	(s) to prosecute th (list name and
Manny W. Schecter (Reg. 31,72,26,914), John E. Hoel (Reg. 33,010), Marc A. Erlich (Reg. 41,500), Marian Underweiser 32,053), Louis J. Percello (43,303), Robert P. Tassinari, (Reg. 41,473) and Timothy M.	26,279), Stanley B. Green (1 . 39,966), Douglas W. Cameroi (Reg. 46,134), Stephen C. Kan Reg. 33,206), Robert M. Trep , Jr. (Reg. 36,030), Paul J.	Reg. 24,351), Richard M. Ludw h (Reg. 31,596), Louis P. Her uffman (Reg. 29,551), Daniel E o (Reg. 25,933), Gail H. Zari	zin (Reg. zberg (Reg. P. Morris (Reg. ck (Reg.
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FOSC Office Address		
		_
Full name of sixth joint-inventor, if any		
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Residence	-	
Citizenship		_
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